

# INTERNATIONAL SEARCH REPORT

International Patent No.  
PCT/03/03564

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N1/38 G01N1/00 G01N35/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 624 846 A (HAYASHIBE YUTAKA ET AL) 29 April 1997 (1997-04-29) the whole document	1-43
X	US 6 324 924 B1 (PETERSON ROGER) 4 December 2001 (2001-12-04) abstract; figures 1-6 column 3, line 15 -column 7, line 45 -/--	1-43

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

24 November 2003

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03/12/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>SLOBODNIK J ET AL: "Integrated system for on-line gas and liquid chromatography with a single mass spectrometric detector for the automated analysis of environmental samples"</p> <p>JOURNAL OF CHROMATOGRAPHY A, ELSEVIER SCIENCE, NL, vol. 730, no. 1, 12 April 1996 (1996-04-12), pages 353-371, XP004039249 ISSN: 0021-9673 the whole document</p>	1-43
A	<p>EP 0 118 815 A (KOSIZKIJ VLADIMIR P) 19 September 1984 (1984-09-19) abstract; figures 1-7 page 1, line 1 - line 14 page 2, line 26 - line 30 page 6, line 15 -page 15, line 15 page 38, line 1 -page 41, line 9</p>	1-43
A	<p>US 2002/011437 A1 (ASAKAWA NAOKI ET AL) 31 January 2002 (2002-01-31) abstract; figures 1,2 page 2, column 1, line 1 -page 3, column 1, line 55</p>	1-43
A	<p>US 5 783 450 A (FUJII YOSHIO ET AL) 21 July 1998 (1998-07-21) abstract; figure 1 column 7, line 33 - line 67</p>	1-43
A	<p>US 5 414 259 A (KINGSTON HOWARD M) 9 May 1995 (1995-05-09) abstract</p>	1,21,23, 33-43
A	<p>US 5 393 673 A (GJERDE DOUGLAS T ET AL) 28 February 1995 (1995-02-28) abstract; figure 1</p>	1,21,23, 33-39
A	<p>EP 0 800 073 A (TOSOH CORP) 8 October 1997 (1997-10-08) abstract; figures 1,2</p>	1,21,23, 33-39
A	<p>PATENT ABSTRACTS OF JAPAN vol. 2000, no. 13, 5 February 2001 (2001-02-05) &amp; JP 2000 292318 A (YOKOGAWA ANALYTICAL SYSTEMS INC), 20 October 2000 (2000-10-20) abstract</p>	1,21,23, 33-39

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